COMBINE, FCI ARATION AND POWER OF STORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled <u>MICROLENSING PARTICLES AND APPLICATIONS</u>, the specification of which:

[] - [x]						
[]	on mass described and claimed in PCT International Application No filed on and as amended under PCT Article 19 on					
		iewed and understand the co iny amendment referred to a		identified specification,		
	knowledge the duty to di- le of Federal Regulations		w to be material to p	atentability in accordance with		
I hereby claim the benefit under Title 35, United States Code, §119(e)(1) of any United States provisional application(s) listed below:						
	U.S. Serial No.	Filing Date		Status		
60/1	08,585	November 12, 1999	Pendin	ng .		
I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose all information I know to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56(a) which became available between the filing date of the prior application and the national or PCT international filing date of this application: U.S. Serial No. Filing Date Status						
		<u></u>				
I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed: Country Application No. Filing Date Priority Claimed						
·				[] Yes		

Combined Declaration and Power of Attorney Page 2 of 3 Pages

I hereby appoint the following attorneys and/or agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Scott C. Harris, Reg. No. 32,030
David L. Feigenbaum, Reg. No. 30,378
Hans R. Troesch, Reg. No.36,950
Bing Ai, Reg. No. 43,312
Samuel L. Lee, Reg. No. 42,791
Frederick H. Rabin, Reg. No. 24,488
John C. Phillips, Reg. No. 35,322

William J. Egan, III, Reg. No. 28,411 John F. Land, Reg. No. 29,554 John R. Wetherell, Jr., Reg. No. 31,678 Joseph R. Baker, Reg. No. 40,900 Richard J. Anderson, Reg. No. 36,732 Samuel Borodach, Reg. No. 38,388

Address all telephone calls to SCOTT C. HARRIS at telephone number (858) 678-5070 ext 4321.

Address all correspondence to SCOTT C. HARRIS at:

FISH & RICHARDSON P.C. 4225 Executive Square, Suite 1400 La Jolla, CA 92037

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full Name of Inventor:	STEPHEN R. QUAKE	
Inventor's Signature:	H	Date: 2/2/00
Residence Address:	744 Plymonth Rd San Mari	40, CA 91108
Citizenship:	USA-	
Post Office Address:		
	same	

Combined Declaration and Power of Attorney Page 3 of 3 Pages

Full Name of Inventor	JAMES P. BRODY	,	
Inventor's Signature: Residence Address:	James P Brooky	Date: _2/_	1
Citizenship: Post Office Address:	330 S. MENTOR AVE , #305 USA	PASADENA	CA 9110
	SAME		•

5CH



PTAS

UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office

ASSISTANT SECRETARY AND COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231

MAY 13, 2000

FISH & RICHARDSON P.C. SCOTT C. HARRIS 4225 EXECUTIVE SQUARE SUITE 1400 LA JOLLA, CA 92037





UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 02/16/2000

REEL/FRAME: 010620/0381

NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR''S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

QUAKE, STEPHEN R.

DOC DATE: 02/02/2000

ASSIGNOR:

BRODY, JAMES P.

DOC DATE: 02/02/2000

ASSIGNEE:

INSTITUTE OF TECHNOLOGY, CALIFORNIA 1200 EAST CALIFORNIA BOULEVARD MAIL CODE 210-85 PASADENA, CALIFORNIA 91125

SERIAL NUMBER: 09441152

PATENT NUMBER:

FILING DATE: 11/12/1999

ISSUE DATE:

RECEIVED
MAY 2 6 2000
MAY 2 6 2000

JI A

ANTIONE ROYALL, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS

02-25-2000

U.S. Patent & TMOfc/TM Mail Rcpt Dt. #40

03-23-2000



RE

EET

Substitute Form PTO-1595 Attorney Docket No.: 06618-373001 Client's Ref. N .: CIT 2897

M RD 2-25-00

Assistant Commissioner for Patents: Please record the attached origin	nal document(s) or copy(ies).	
Name of conveying party(ies):	Name and address of receiving party(ies):	
Stephen R. Quake and James P. Brody	CALIFORNIA INSTITUTE OF TECHNOLOGY	
Additional name(s) attached? ☐ Yes 图 No	1200 East California Boulevard	
3. Nature of conveyance:	Mail Code 201-85 Pasadena, CA 91125	
 ☑ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Other: . 	Pasadena, CA 91125	
Execution Date: 02/02/2000	Additional names/addresses attached? Yes No	
4. Application number(s) or patent number(s):		
If this document is being filed with a new application, the execution	n date of the application is:	
A. Patent Application No(s).:	B: Patent No(s).:	
09/441,152		
Additional numbers a	ttached? ☐ Yes ☒ No	
Name/address of party to whom correspondence concerning document should be mailed:	6. Total number of applications/patents involved: 1	
SCOTT C. HARRIS	7. Total fee (37 CFR §3.41): \$40	
Fish & Richardson P.C. 4225 Executive Square, Suite 1400	☑ Enclosed ☐ Authorized to charge Deposit Account.	
La Jolia, CA 92037	8. Deposit Account No.: 06-1050	
	Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.	
DO NOT US	E THIS SPACE	
· ,		
any attached copy is a true copy of the original documer	,	
Scott C. Harris Reg. No. 32,030 Name of Person Signing Signature	2/16/00	
Tot	al number of pages including coversheet, attachments and document: 2	
10019788.doc		

03/23/2000 DCDATES 00000049 09441152

01 FC:581

40.00 OP

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Lelarunce 16

Signatur

Typed Name of Person Signing Certificate

Attorney Docket No.: 06618/373001/CIT2897

626

02-25-2000
U.S. Patent & TMOfc/TM Mail Rept Dt. #40

ASSIGNMENT

For valuable consideration, we, STEPHEN R. QUAKE of Som Marino, JAMES P. BRODY, of Vasalowa, hereby assign to, California Institute of Technology, a California corporation having a place of business at: 1200 East California Blvd., Pasadena, CA 91125, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us this day, entitled MICROLENSING PARTICLES AND APPLICATIONS, filed 11/12/99, and assigned U.S. Serial Number 09/441,152 and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

DATE: _	212/00		Stephen R. Quake
DATE: _	212100	·	Dans P Brody